



PROJECT SUMMARY

This design-build project of an 836 s.f. non-combustible, essential services building, is a critical component of a new aircraft engineering project. The building is full of high-density, electronic, data-processing cable-trays, which allow the engineers to control all testing from inside the building. The modular structure was designed with all steel construction, using a perimeter frame with 24 gauge corrugated sub-floor with concrete overlay. Ten foot open ceilings allow easy access to all electrical racks and ducting inside the building. The building was welded to a steel I-beam foundation, designed so that if a nearby fuel line burst, the fuel would flow freely past the building rather than pooling under it

FEATURES

- Built using three small modules due to transport and site restrictions
- Sound dampening technologies
- Electrostatic dissipative carpet tiles
- Steel framing, siding and roofing
- Night time delivery of building pieces
- Roof mounted 20 ton variable speed heat-pump

1 Mechanical/Server Room

